

Restoring Fish Passage at WSDOT Stream Crossings

Joint Transportation Committee

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WSDOT & the Federal “Culvert” Injunction

- ❑ WSDOT has about 2,000 fish barriers statewide
- ❑ 978 WSDOT barriers subject to injunction as of June 2017
- ❑ 806 with significant habitat (>200 m)
 - Must be corrected by 2030
 - Barriers with up to 10% of the total habitat can be deferred until end of life or corrected as part of other transportation projects
 - ~418 barrier corrections remaining to reach 90% of the habitat
- ❑ 172 barriers having <200 m habitat must be corrected at the end of the structure’s life, or as part of other transportation projects



Area Covered by Injunction

Correction Status – 2013 Injunction through 2016 Construction Season

Injunction Target – Open 90% Habitat by 2030 (~462 Barrier Corrections)

Barriers Addressed Through 2016	Number	Cost
Stand Alone Corrections	29	\$66.4 M
Included in Larger Transportation Projects, including Emergency Repairs	15	\$30.0 M ¹
TOTAL	44	\$96.4 M

¹Cost is estimated based on program level parametric estimates

Remaining Barriers to be Addressed to Reach 90% Habitat by 2030	Number
Stand Alone Corrections	418
Included in Larger Transportation Projects	TBD**
TOTAL	418

**Evaluated as projects are scoped/designed

GRAND TOTAL ~462

Program Cost Estimates

Scenario	Cost Estimate (Current Dollars)	Approximate Number of Barriers
Correct barriers equal to 90% habitat	\$2.4 Billion	418
All injunction barriers with significant habitat	\$3.7 Billion	806

WSDOT's preliminary estimate developed in 2013 was \$2.4B to correct all barriers with significant habitat

These updated costs reflect:

- ❑ Experience gained in delivering projects to meet 2013 injunction requirements
 - Injunction represents new fish passage standard and sets new coordination/partnership expectations

WSDOT Injunction Delivery Plan

Reflects 2017-19 Current Law Budget, including Connecting Washington Funds

Biennium (in Millions)	13-15 ¹	15-17 ¹	17-19	19-21	21-23	23-25 to 29-31	Cumulative Total thru 29-31
Total Funding	\$23.8	\$78.5	\$97.5	\$89.3	\$91.4	\$355.9	\$736.4
Barriers Corrected ²	19	25	19	15	23	42	143
Habitat Gain ³ (%)	4%	10%	10%	10%	9%	10%	53%

¹For 13-15 and 15-17 the funding totals reflect actuals, for future timeframes, funding is Current Law and barriers corrected and habitat gain are projections

²Includes barriers addressed in other transportation projects

³Per tribal agreement, WSDOT re-estimates habitat blocked yearly based on new information

2017 Construction Highlights

SR 112 Nordstrom Creek



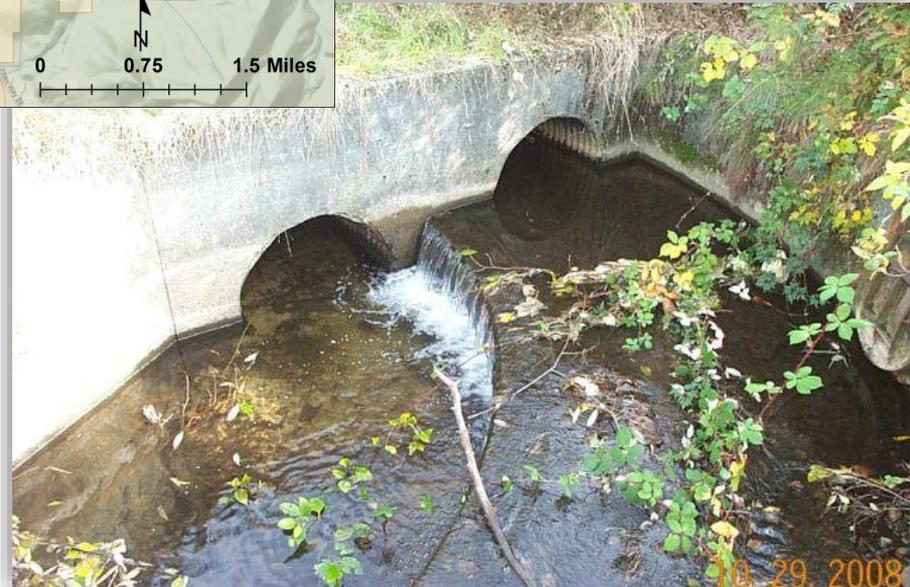
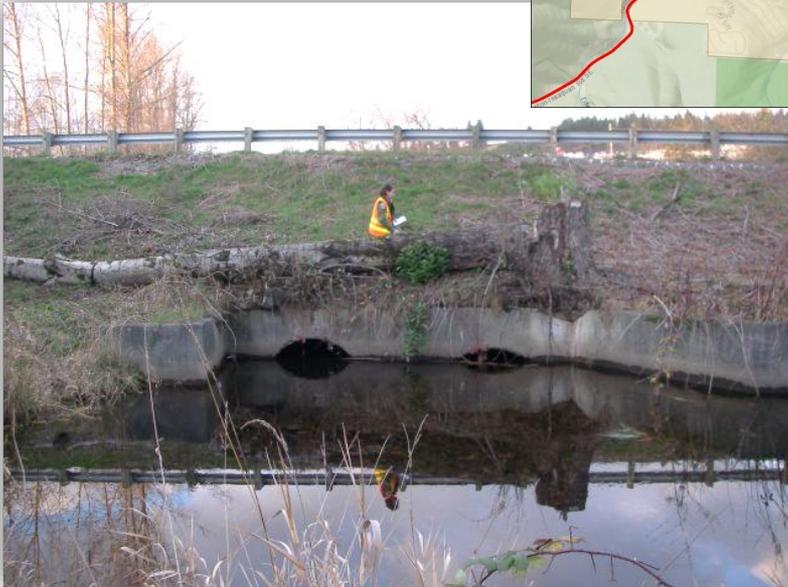
2017 Construction Highlights

SR 112 Nordstrom Creek



2017 Construction Highlights

I-90 North Fork Issaquah Creek Existing Condition



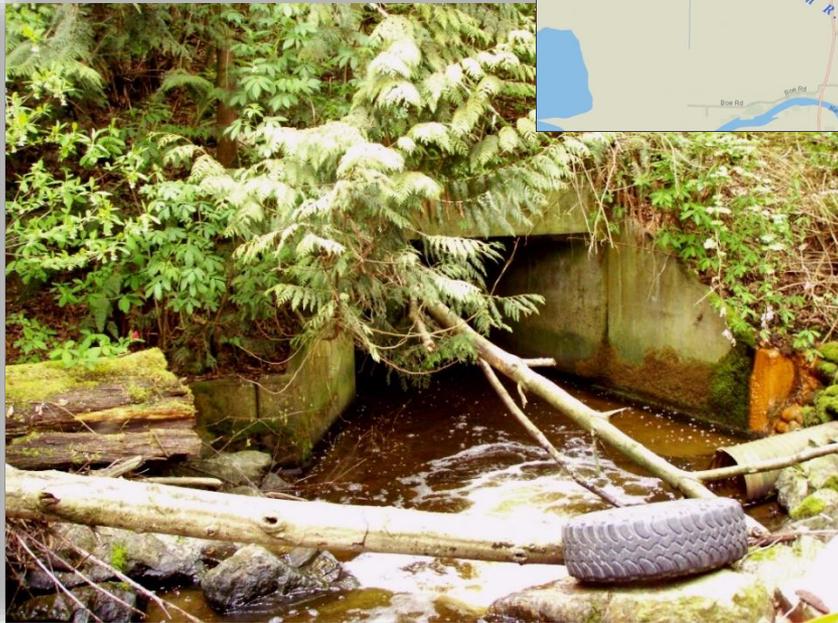
2017 Construction Highlights

I-90 North Fork Issaquah Creek



2017 Construction Highlights

SR 532 Church Creek Existing Condition

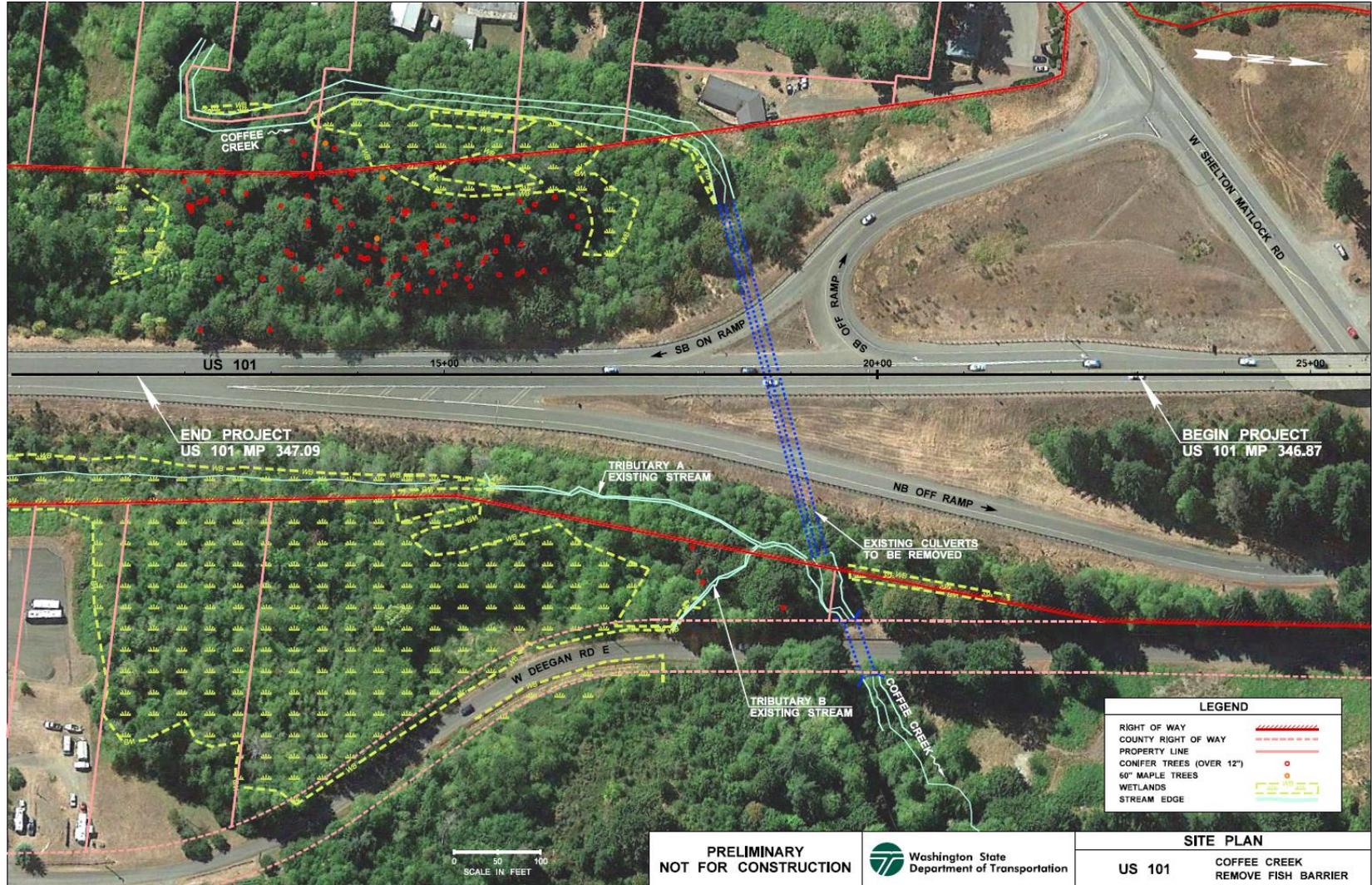


2017 Construction Highlights

SR 532 Church Creek



US 101 Coffee Creek Design Build Delivery



Contact

For more information about
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